Demystifying Citation Metrics

Michael Ladisch
Pacific Libraries


Journals By Rank
Print
Index, 30 have been cited at least 30 times.)
About h-Graph
for articles published before 1996.
Line Chart | Table
Categories By Rank
Journal Titles Ranked by Impact Factor
Compare Selected Journals
Add Journals to New or Existing List
Show Visualization +
Customize Indicators
Select All
Full Journal Title
Journal Impact Factor
Eigenfactor Score
1 NATURE REVIEWS MOLECULAR CELL BIOLOGY 0.09576
2 CELL 30.410
3 NATURE MEDICINE 29.886 0.59468
4 CANCER CELL 27.407 0.17866
5 Cell Stem Cell 21,524 23.394 0.10293
6 NATURE CELL BIOLOGY 38,128 20.060 0.09250
7 Cell Metabolism 25,575 18.164 0.10315
0.09976
Citations
Nursing
Journal Impact Factor

Outline

- Use and Misuse of Bibliometrics
- Databases for Citation Analysis
  - Web of Science
  - Scopus
  - Google Scholar
- Journal Ranking
  - Journal Citation Reports
  - SciImago Journal Rank
- Alt-metrics
- Your Resume

Not everything that can be counted counts, and not everything that counts can be counted.

William Bruce Cameron (1963) “Informal Sociology: A Casual Introduction to Sociological Thinking”

Bibliometrics

… is a set of methods to quantitatively analyze academic literature.

Metrics are *one* indicator used for

- Evaluation of research by individual researcher / group / institution
- Awarding research grants
- Recruitment / Promotion
- Discovering relevant publications
- Finding relevant journals

Be aware

- Measuring "Impact" not "Quality"
- Works better in some disciplines than in others
- Metrics are not the "whole picture", no replacement for peer review

Bibliometrics

Primary metrics:

- Number of publications
- Number of citations received
- Collaborations
- Weighted Impact

Secondary metrics:

- Journal Impact Factor
- H-Index

Types of metrics:

- Journal metrics
- Author metrics
- Article metrics

- Alt-metrics

Bibliometrics

Citation = Citation?

Many reasons for citing

- Acknowledge published or unpublished sources
- Highlight other sources
- Criticize other sources (negative citations)
- Self-citations
- "Strategic citations"
    - Citation networks
    - Publications in same journal/by same publisher

Bibliometrics

Citation = Citation?

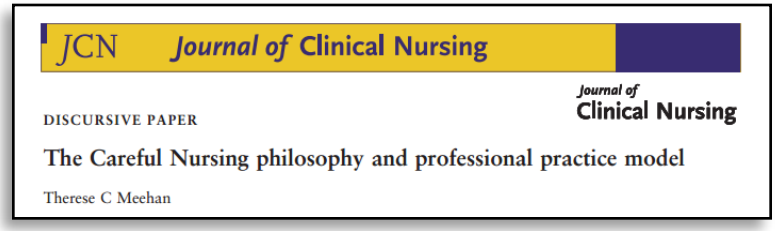
Number of Authors / Contribution to publication

- Single author vs. multiple authors
- Position in author listing

PRL 110, 021801 (2013) PHYSICAL REVIEW LETTERS week ending 11 JANUARY 2013

[32] A. L. Read, J. Phys. G **28**, 2693 (2002).
[33] See Supplemental Material at http://link.aps.org/supplemental/10.1103/PhysRevLett.110.021801 for the expected combinatorial background, peaking background, cross-feed, and signal events assuming the SM prediction, together with the number of observed candidates in the signal regions, in bins of BDT for the 2011 and the 2012 data samples.

R. Aaij,[38] C. Abellan Beteta,[33,n] A. Adametz,[11] B. Adeva,[34] M. Adinolfi,[43] C. Adrover,[6] A. Affolder,[49] Z. Ajaltouni,[5] J. Albrecht,[35] F. Alessio,[35] M. Alexander,[48] S. Ali,[38] G. Alkhazov,[27] P. Alvarez Cartelle,[34] A. A. Alves, Jr.,[22] S. Amato,[2] Y. Amhis,[36] L. Anderlini,[17,f] J. Anderson,[37] R. Andreassen,[57] R. B. Appleby,[51] O. Aquines Gutierrez,[10] F. Archilli,[18,35] A. Artamonov,[32] M. Artuso,[53] E. Aslanides,[6] G. Auriemma,[22,m] S. Bachmann,[11] J. J. Back,[45] C. Baesso,[54] W. Baldini,[16] R. J. Barlow,[51] C. Barschel,[35] S. Barsuk,[7] W. Barter,[44] A. Bates,[48] Th. Bauer,[38] A. Bay,[36] J. Beddow,[48] I. Bediaga,[1] S. Belogurov,[28] K. Belous,[32] I. Belyaev,[28] E. Ben-Haim,[8] M. Benayoun,[8] G. Bencivenni,[18] S. Benson,[47] J. Benton,[43] A. Berezhnoy,[29] R. Bernet,[37] M.-O. Bettler,[44] M. van Beuzekom,[38] A. Bien,[11] S. Bifani,[12] T. Bird,[51] A. Bizzeti,[17,h] P. M. Bjørnstad,[51] T. Blake,[35] F. Blanc,[36] C. Blanks,[50] J. Blouw,[11] S. Blusk,[53] A. Bobrov,[31] V. Bocci,[22] A. Bondar,[31] N. Bondar,[27] W. Bonivento,[15] S. Borghi,[51,48] A. Borgia,[53] T. J. V. Bowcock,[49] E. Bowen,[37] C. Bozzi,[16] T. Brambach,[9] J. van den Brand,[39] J. Bressieux,[36] D. Brett,[51] M. Britsch,[10] T. Britton,[53] N. H. Brook,[43] H. Brown,[49] A. Büchler-Germann,[37] I. Burducea,[26] A. Bursche,[37] J. Buytaert,[35] S. Cadeddu,[15] O. Callot,[7] M. Calvi,[20,j] M. Calvo Gomez,[33,n] A. Camboni,[33] P. Campana,[18,35] A. Carbone,[14,c] G. Carboni,[21,k] R. Cardinale,[19,i] A. Cardini,[15] H. Carranza-Mejia,[47] L. Carson,[50] K. Carvalho Akiba,[2] G. Casse,[49] M. Cattaneo,[35] Ch. Cauet,[9] M. Charles,[52] Ph. Charpentier,[35] P. Chen,[3,36] N. Chiapolini,[37] M. Chrzaszcz,[23] K. Ciba,[35] X. Cid Vidal,[34] G. Ciezarek,[50] P. E. L. Clarke,[47] M. Clemencic,[35] H. V. Cliff,[44] J. Closier,[35] C. Coca,[26] V. Coco,[38] J. Cogan,[6] E. Cogneras,[5] P. Collins,[35] A. Comerma-Montells,[33] A. Contu,[15,52] A. Cook,[43] M. Coombes,[43] G. Corti,[35] B. Couturier,[35] G. A. Cowan,[36] D. Craik,[45] S. Cunliffe,[50] R. Currie,[47] C. D'Ambrosio,[35] P. David,[8] P. N. Y. David,[38] I. De Bonis,[4] K. De Bruyn,[38] S. De Capua,[51] M. De Cian,[37] J. M. De Miranda,[1] L. De Paula,[2] P. De Simone,[18] D. Decamp,[4] M. Deckenhoff,[9] H. Degaudenzi,[36,35] L. Del Buono,[8] C. Deplano,[15] D. Derkach,[14] O. Deschamps,[5] F. Dettori,[39] A. Di Canto,[11] J. Dickens,[44] H. Dijkstra,[35] P. Diniz Batista,[1] M. Dogaru,[26] F. Domingo Bonal,[33,n] S. Donleavy,[49] F. Dordei,[11] P. Dornan,[50] A. Dosil Suárez,[34] D. Dossett,[45] A. Dovbnya,[40] F. Dupertuis,[36] R. Dzhelyadin,[32] A. Dziurda,[23] A. Dzyuba,[27] S. Easo,[46,35] U. Egede,[50] V. Egorychev,[28] S. Eidelman,[31] D. van Eijk,[38] S. Eisenhardt,[47] R. Ekelhof,[9] L. Eklund,[48] I. El Rifai,[5] Ch. Elsasser,[37] D. Elsby,[42] A. Falabella,[14,e] C. Färber,[11] G. Fardell,[47] C. Farinelli,[38] S. Farry,[12] V. Fave,[36] V. Fernandez Albor,[34] F. Ferreira Rodrigues,[1] M. Ferro-Luzzi,[35] S. Filippov,[30] C. Fitzpatrick,[35] M. Fontana,[10] F. Fontanelli,[19,i] R. Forty,[35] O. Francisco,[2] M. Frank,[35] C. Frei,[35] M. Frosini,[17,f] S. Furcas,[20] A. Gallas Torreira,[34] D. Galli,[14,c] M. Gandelman,[2] P. Gandini,[52] Y. Gao,[3] J. Garofoli,[53] P. Garosi,[51] J. Garra Tico,[44] L. Garrido,[33] C. Gaspar,[35] R. Gauld,[52] E. Gersabeck,[11] M. Gersabeck,[51] T. Gershon,[45,35] Ph. Ghez,[4] V. Gibson,[44] V. V. Gligorov,[35] C. Göbel,[54] D. Golubkov,[28] A. Golutvin,[50,28,35] A. Gomes,[2] H. Gordon,[52] M. Grabalosa Gándara,[33] R. Graciani Diaz,[33] L. A. Granado Cardoso,[35] E. Graugés,[33] G. Graziani,[17] A. Grecu,[26] E. Greening,[52] S. Gregson,[44] O. Grünberg,[55] B. Gui,[53] E. Gushchin,[30] Yu. Guz,[32] T. Gys,[35] C. Hadjivasiliou,[53]



JCN *Journal of* Clinical Nursing

DISCURSIVE PAPER

Journal of Clinical Nursing

The Careful Nursing philosophy and professional practice model

Therese C Meehan

Labor History, 2014
Vol. 55, No. 1, 21–46, http://dx.doi.org/10.1080/0023656X.2013.843841

Routledge Taylor & Francis Group

Explaining Romanian labor migration: from development gaps to development trajectories

Sabina Stan[a]* and Roland Erne[b]

[a]*School of Nursing and Human Sciences, Dublin City University, Dublin, Ireland;* [b]*School of Business, University College Dublin, Dublin, Ireland*

Bibliometrics

Citation = Citation?

Document types

- Book
- Book chapter
- Review
- Article
- Conference paper
- Editorial
- Book review
- Note
- Letter to editor
- Correspondence

Location in publication

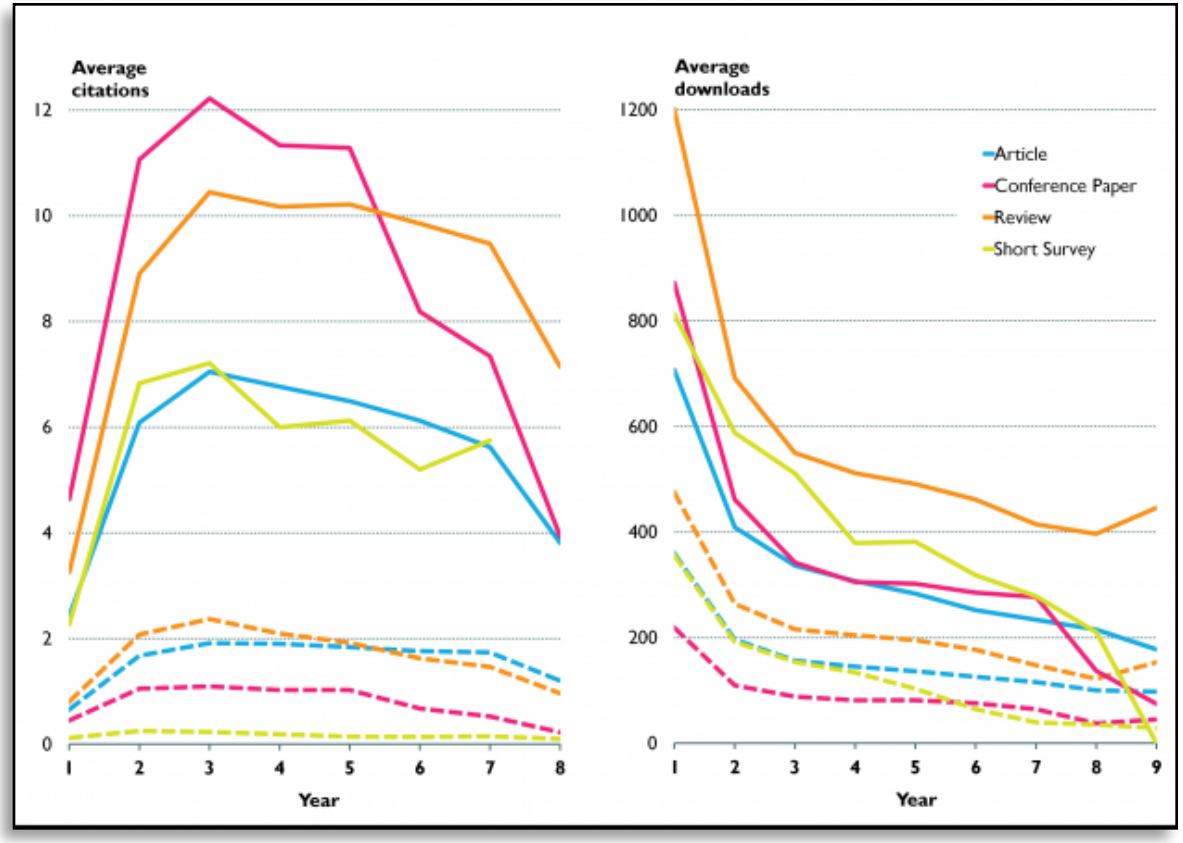
- Introduction
- Background
- Methods
- Results
- Discussion
- Conclusion

Number of occurrences

Bibliometrics

Citation = Citation?

Publication Year

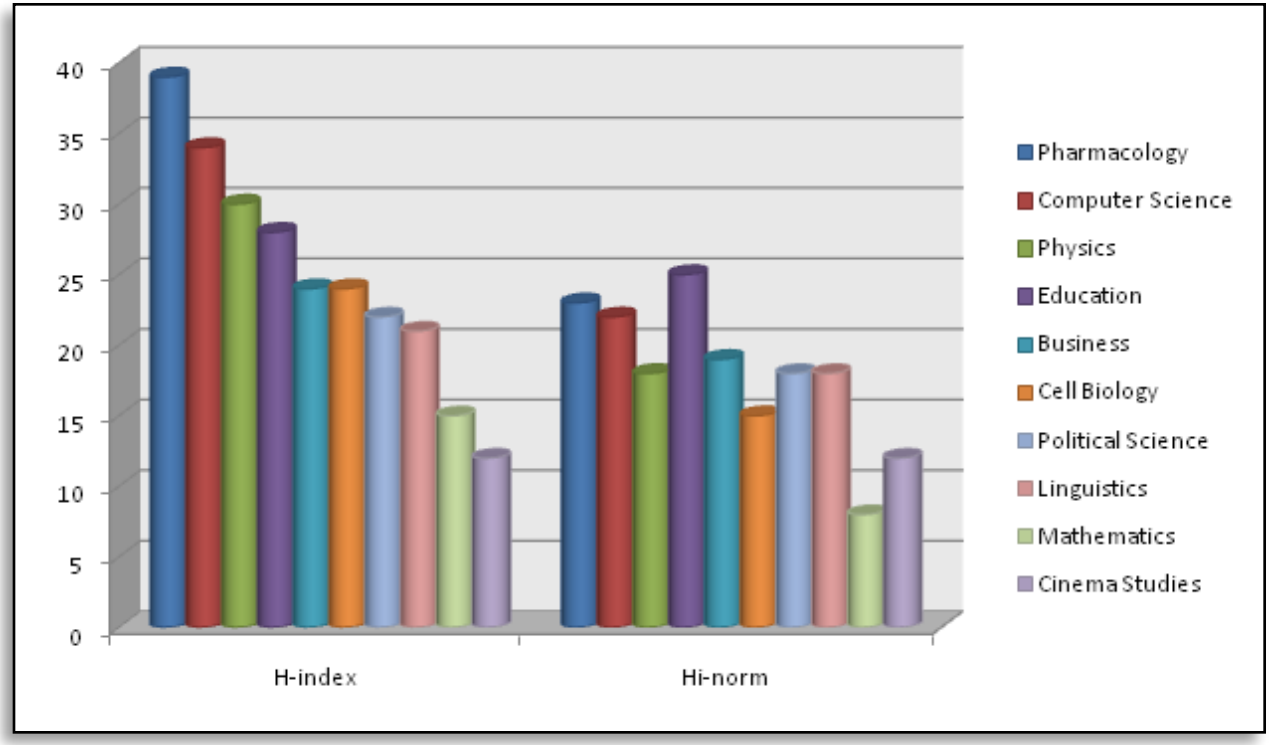


http://www.researchtrends.com/issue-37-june-2014/downloads-versus-citations-and-the-role-of-publication-language/

Bibliometrics

Citation = Citation?

Discipline



http://www.harzing.com/data_metrics_comparison.htm#indivh

The Controversy

COMMENT

SUSTAINABILITY Data needed to drive UN development goals p.432

CONSERVATION Economics and environmental catastrophe p.434

GEOLOGY Questions raised over proposed Anthropocene dates p.436

HISTORY Music inspired Newton to add more colours to the rainbow p.436

The Leiden Manifesto for research metrics

Use these ten principles to guide research evaluation, urge **Diana Hicks**, **Paul Wouters** and colleagues.

Data are increasingly used to govern science. Research evaluations that were once bespoke and performed by peers are now routine and reliant on metrics[1]. The problem is that evaluation is now led by the data rather than by judgement. Metrics have proliferated: usually well intentioned, not always well informed, often ill applied. We risk damaging the system with the very tools designed to improve it, as evaluation is increasingly implemented by organizations without knowledge of, or advice on, good practice and interpretation.

Before 2000, there was the Science Citation Index on CD-ROM from the Institute for Scientific Information (ISI), used by experts for specialist analyses. In 2002, Thomson Reuters launched an integrated web platform, making the Web of Science database widely accessible. Competing citation indices were created: Elsevier's Scopus (released in 2004) and Google Scholar (beta version released in 2004). Web-based tools to easily compare institutional research productivity and impact were introduced, such as InCites (using the Web of Science) and SciVal (using Scopus), as well as software to analyse individual citation profiles using Google Scholar (Publish or Perish, released in 2007).

In 2005, Jorge Hirsch, a physicist at the University of California, San Diego, proposed the *h*-index, popularizing citation counting for individual researchers. Interest in the journal impact factor grew steadily after 1995 (see 'Impact-factor obsession').

Lately, metrics related to social usage ▸

ILLUSTRATION BY DAVID PARKINS

23 APRIL 2015 | VOL 520 | NATURE | 429

"Quantitative evaluation should support qualitative, expert assessment."

http://www.nature.com/news/bibliometrics-the-leiden-manifesto-for-research-metrics-1.17351

The Controversy

San Francisco

DORA

Declaration on Research Assessment

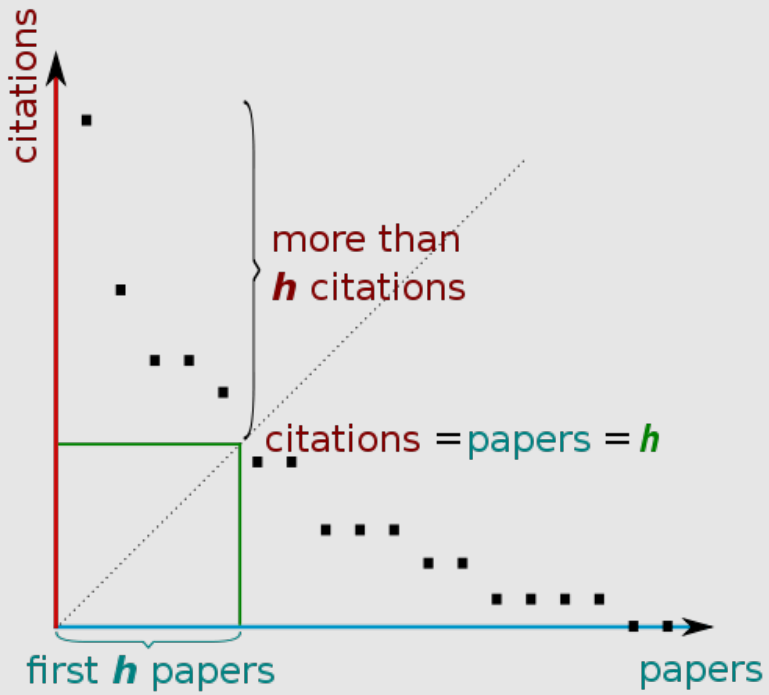
http://www.ascb.org/dora/

H Index

H-Index

Aims to capture both productivity (output) and impact (citations)

How many **h** of a researcher's publications have at least **h** citations each.



Source: Wikipedia

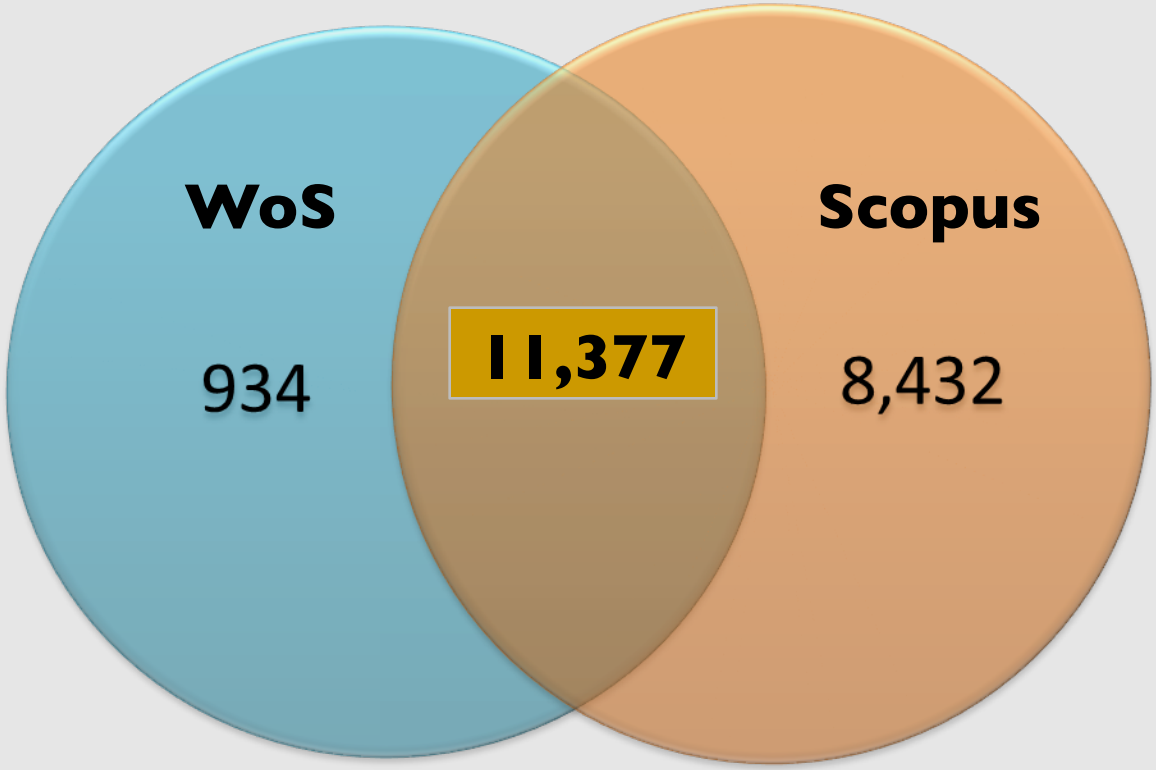

Pro
Contra
The h index is …
• Considering productivity and impact
• Comprehensible
• Easy to compute
• Not taking subject differences in account
• Disadvantaging early career researchers
• Distinguishing between single and multi-author articles

The Tools

- Scopus (Elsevier)
- Web of Sciences (Clarivate)
- Google Scholar
- Publisher Databases

The Tools

Web of Science Vs. Scopus Coverage



Source: JISC http://adat.crl.edu

Scopus

http://www.scopus.com/

Author details

Back to results | 1 of 1

Print | E-mail

Vierra, Craig A.

University of the Pacific, California, Department of Biological Sciences, Stockton, United States

Author ID: 6602322840

About Scopus Author Identifier | View potential author matches

Other name formats: Vierra, C. A.
Vierra, C.
Vierra, Craig

Follow this Author — Receive emails when this author publishes new articles

Get citation alerts

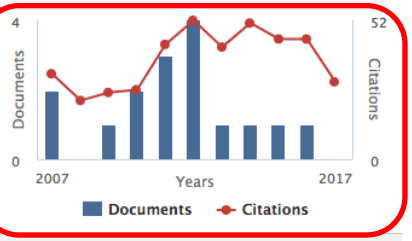
Add to ORCID

Request author detail corrections

Documents: 29
Citations: 534 total citations by 299 documents
h-index: 13
Co-authors: 85

Analyze author output
View citation overview
View *h*-graph

Subject area: Biochemistry, Genetics and Molecular Biology , Materials Science View More



29 Documents | Cited by 299 documents | 85 co-authors

29 documents View in search results format

Sort on: Date **Cited by** ...

Export all | Add all to list | Set document alert | Set document feed

Molecular mechanisms of spider silk Full Text Finder	Hu, X., Vasanthavada, K., Kohler, K., (...), Moore, A.M.F., Vierra, C.A.	2006	Cellular and Molecular Life Sciences	64
E2A expression, nuclear localization, and in vivo formation of DNA- and non-DNA-binding species during B-cell development Full Text Finder	Jacobs, Y., Vierra, C., Nelson, C.	1993	Molecular and Cellular Biology	58
Molecular and mechanical properties of major ampullate silk of the black widow spider, Latrodectus hesperus	Lawrence, B.A., Vierra, C.A., Moore, A.M.F.	2004	Biomacromolecules	50

Author History

Publication range: 1993 - 2016

References: 424

Source history:

Journal of visualized experiments : JoVE — View documents
Advances in Silk Science and Technology — View documents
Molecular and Cellular Biology — View documents
View More

Show Related Affiliations

Scopus

http://www.scopus.com/

Analyze author output

Export | Print | E-mail

Vierra, Craig A. Back to author details page
University of the Pacific, California, Department of Biological Sciences, Stockton, United States
Author ID:6602322840

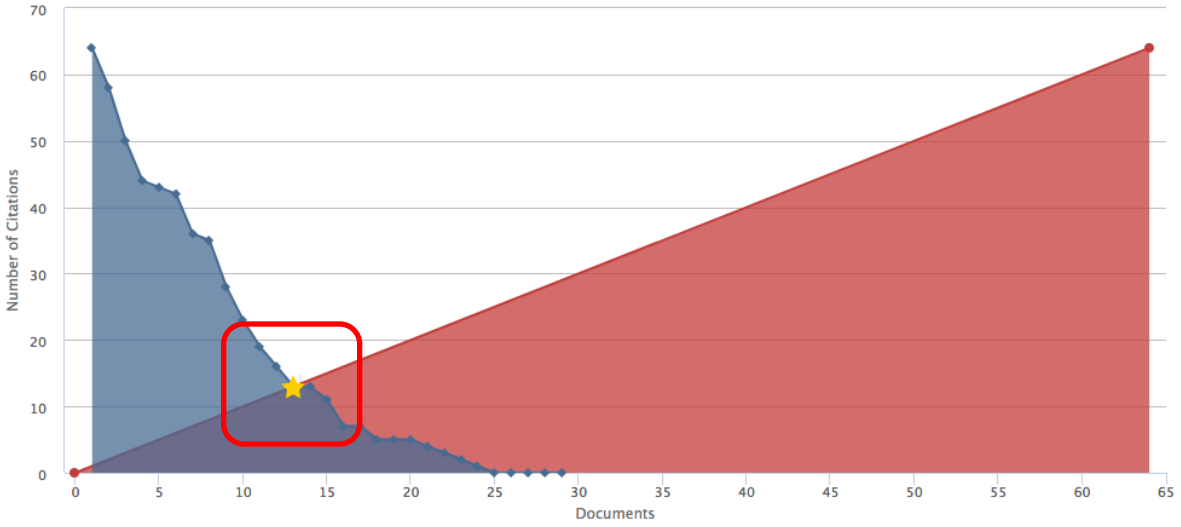
Documents (29) | *h*-index (13) | Citations (534) | Co-authors (85)

Analyze documents published between: 1993 to 2017 Exclude self citations Exclude citations from books Update Graph

Documents	Citations	Title
1	64	Molecular mechanisms of spider silk
2	58	E2A expression, nuclear localizatio…
3	50	Molecular and mechanical properti…
4	44	Pyriform spidroin 1, a novel memb…
5	43	Egg case protein-1: A new class of…
6	42	Araneoid egg case silk: A fibroin wi…
7	36	Aciniform spidroin, a constituent of …
8	35	Spider egg case core fibers: Trimer…
9	28	Analysis of aqueous glue coating p…
10	23	Synthetic spider silk fibers spun fro…
11	19	Conserved C-terminal domain of s…
12	16	The Pan basic helix-loop-helix prot…
13	13	Spider glue proteins have distinct a…
14	13	Characterization of a novel class II …
15	11	The genomic structure and promot…
16	7	Isolation and characterization of th…

This author's *h*-index is 13

The *h*-index is based upon the number of documents and number of citations.



Note: Scopus is in progress of updating pre-1996 cited references going back to 1970. The *h*-index might increase over time.

Scopus

http://www.scopus.com/

Molecular and mechanical properties of major ampullate silk of the black widow spider, Latrodectus hesperus Back to article
(2004) Biomacromolecules, 5(3), pp. 689-695

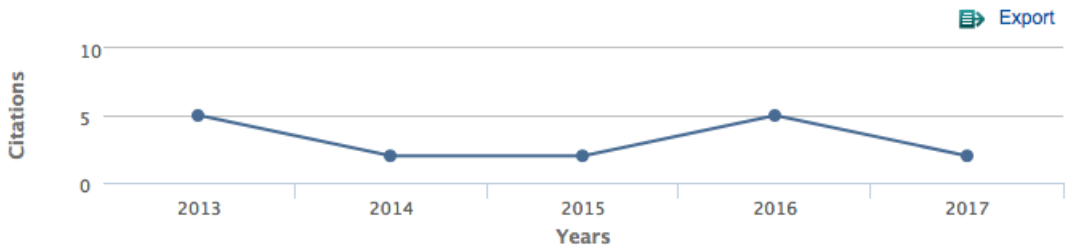
Scopus Metrics

Citation Count
50
Cited by in Scopus

Field-Weighted Citation Impact
2.93

Citation Benchmarking
86th percentile
Compared to Polymers and Plastics articles of same age and document type

Cited by



50 Citations
Date range: 2013 to 2017
Exclude self citations
Exclude citations from books
Edit the data for this graph. Update

Benchmarking

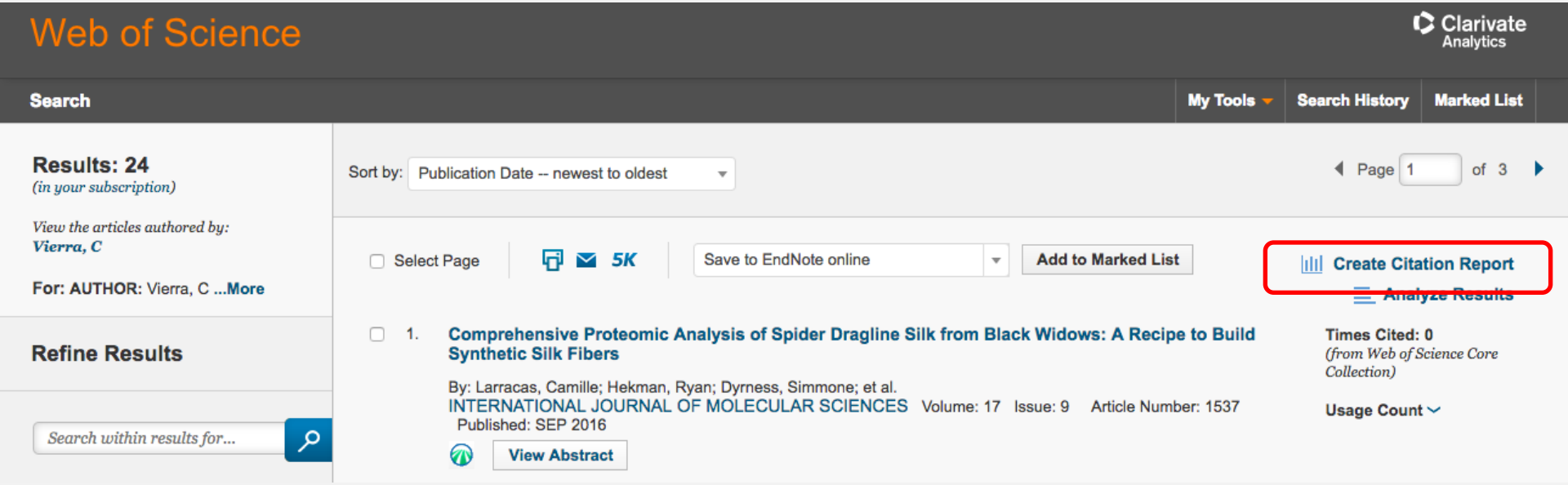
Measures of activity relative to specific research domains, based on cited by in Scopus

Compared to Polymers and Plastics articles of the same age and document type

All Citations 86TH PERCENTILE

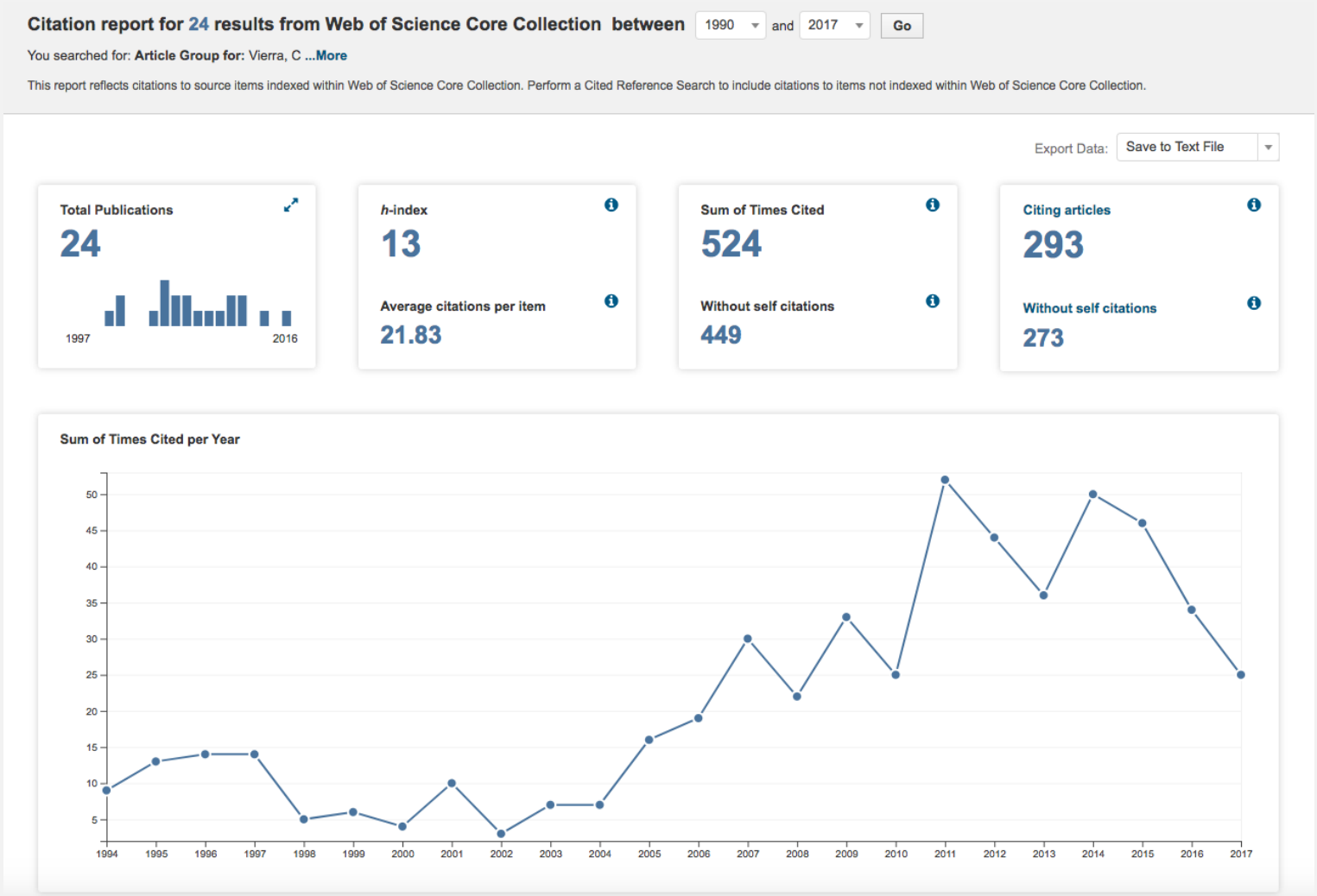
Web of Science

https://www.webofknowledge.com/



Web of Science

https://www.webofknowledge.com/



Google Scholar Citations

http://scholar.google.com

Marcos Gridi-Papp

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University of the Pacific
animal comunication, auditory physiology, vocal physiology, amphibia, bioacoustics
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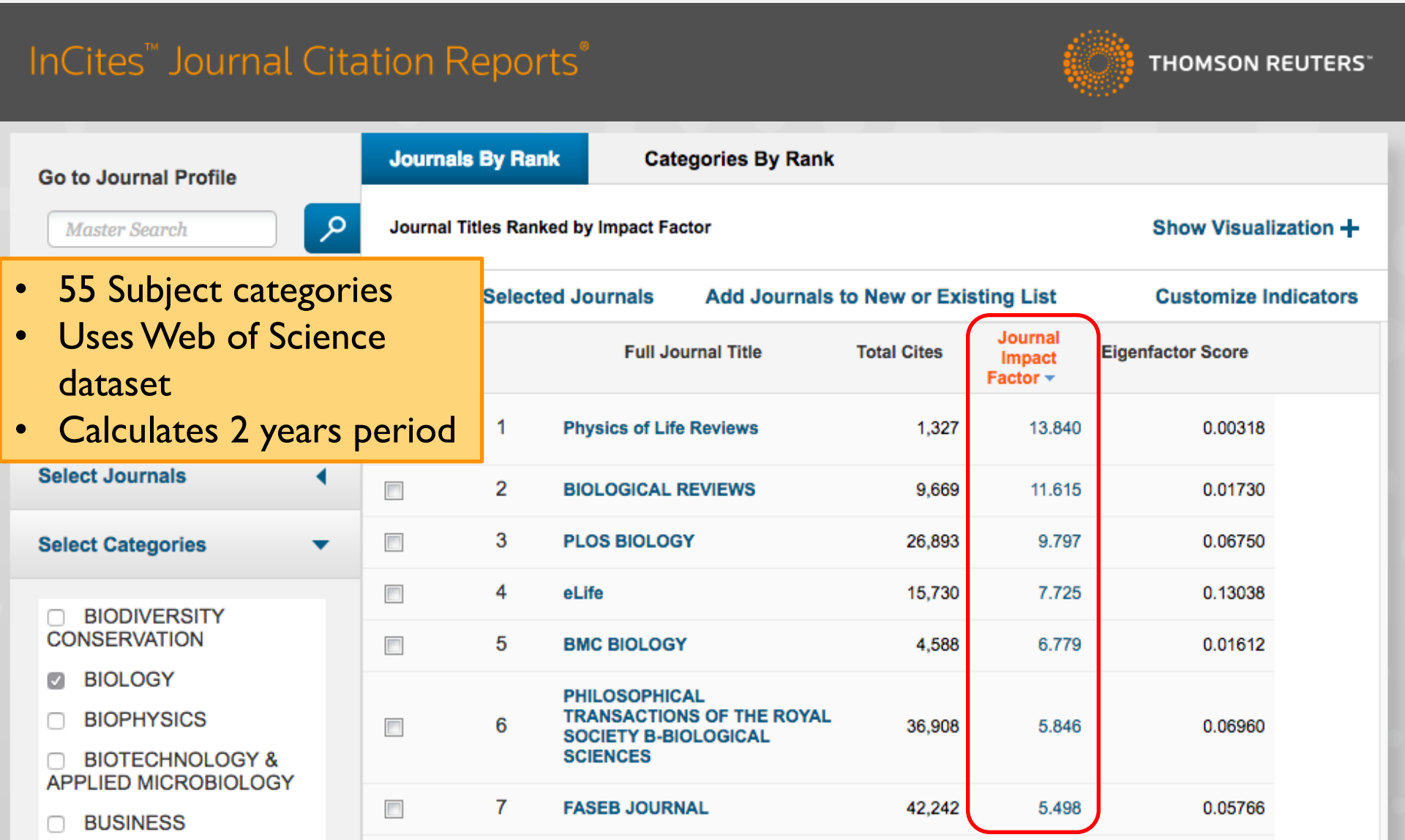
Title 1–20	Cited by	Year
SoundRuler: acoustic analysis for research and teaching M Gridi-Papp Available at:. Accessed: Aug 3, 2015	98 *	2007
Animal communication: complex call production in the túngara frog M Gridi-Papp, AS Rand, MJ Ryan Nature 441 (7089), 38-38	70	2006
Pure ultrasonic communication in an endemic Bornean frog VS Arch, TU Grafe, M Gridi-Papp, PM Narins PLoS One 4 (4), e5413	38	2009
Active control of ultrasonic hearing in frogs M Gridi-Papp, AS Feng, JX Shen, ZL Yu, JJ Rosowski, PM Narins Proceedings of the National Academy of Sciences 105 (31), 11014-11019	26	2008
Differential fruit consumption of two Melastomataceae by birds in Serra da Mantiqueira, southeastern Brazil CO Gridi-Papp, M Gridi-Papp, WR Silva Ararajuba, 5-10	18	2004

Google Scholar

Citation indices	All	Since 2012
Citations	317	201
h-index	8	6
i10-index	6	6

Journal Metrics

Journal Citation Reports – Journal Impact Factor



- 55 Subject categories
- Uses Web of Science dataset
- Calculates 2 years period

Journal Citation Reports – Journal Impact Factor

PLOS BIOLOGY

ISSN: 1545-7885

PUBLIC LIBRARY SCIENCE
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USA

Go to Journal Table of Contents Go to Ulrich's

Titles
ISO: PLoS. Biol.
JCR Abbrev: PLOS BIOL

Categories
BIOCHEMISTRY & MOLECULAR BIOLOGY - SCIE;
BIOLOGY - SCIE;

Languages
ENGLISH

12 Issues/Year;
Open Access from 2003

Key Indicators

Year	Total Cites Graph	Journal Impact Factor Graph	Impact Factor Without Journal Self Cites Graph	5 Year Impact Factor Graph	Immediacy Index Graph	Citable Items Graph	Cited Half-Life Graph	Citing Half-Life Graph	Eigenfacto Score Graph	Article Influence Score Graph	% Articles in Citable Items Graph	Normalized Eigenfacto Graph	Average JIF Percentile Graph
2016	26,893	9.797	9.624	10.206	2.035	229	7.5	7.5	0.06750	5.190	99.56	7.73479	95.977
2015	25,871	8.668	8.525	10.731	2.437	183	7.1	7.3	0.07936	5.619	100.00	9.04582	95.581
2014	25,729	9.343	9.232	11.896	1.872	187	6.4	7.2	0.09292	6.212	99.47	10.40…	96.273
2013	24,324	11.771	11.650	12.807	1.706	201	5.9	7.0	0.11217	7.064	100.00	12.36…	97.558
2012	22,908	12.690	12.596	13.447	2.151	152	5.2	6.7	0.13390	7.451	100.00	Not A…	98.061
2011	20,579	11.452	11.315	13.630	2.461	180	4.6	6.4	0.14959	7.835	100.00	Not A…	98.068
2010	18,454	12.472	12.326	14.376	2.706	214	4.1	6.2	0.15993	8.211	100.00	Not A…	98.223
2009	15,699	12.916	12.777	14.798	2.692	195	3.5	6.0	0.17622	8.640	100.00	Not A…	98.346
2008	12,186	12.683	12.500	14.662	2.184	212	3.1	5.7	0.15465	8.744	100.00	Not A…	98.289
2007	9,223	13.501	13.271	14.991	2.855	228	2.6	5.7	0.12475	9.413	100.00	Not A…	98.412

SCImago Journal & Country Rank

- 27 Subject areas and 313 Subject categories
- Uses Scopus dataset
- Calculates 3 years period

http://www.scimagojr.com

SCImago Journal & Country Rank

Home | Journal Rankings | Country Rankings | Viz Tools | Help | About Us

Agricultural and Biological Sciences | Plant Science | All regions / countries | All types | 2016

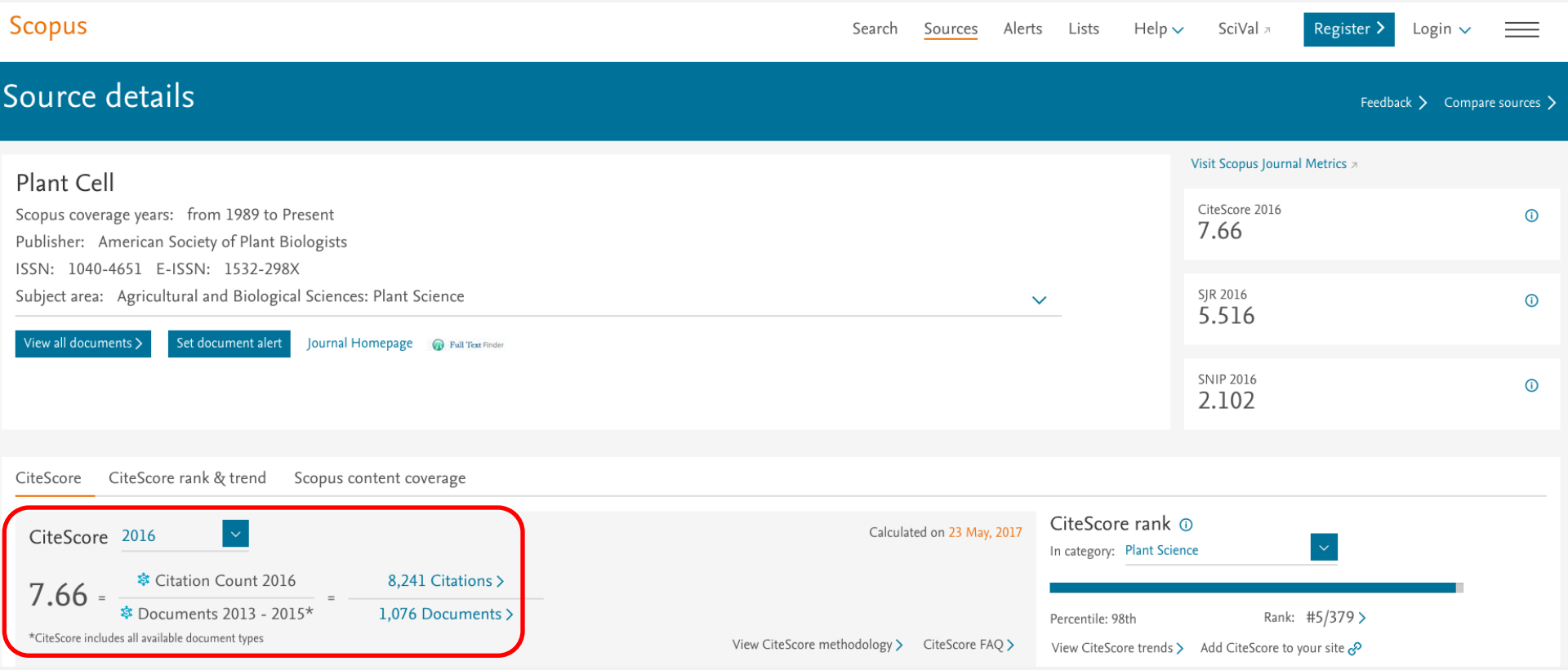
Display only Open Access Journals | Display only SciELO Journals (In Progress) | Display journals with at least 0 | Citable Docs. (3years) | Apply

Download data

1 - 50 of 406

	Title	Type	↓ SJR	H index	Total Docs. (2016)	Total Docs. (3years)	Total Refs.	Total Cites (3years)	Citable Docs. (3years)	Cites / Doc. (2years)	Ref. / Doc.	
1	Annual Review of Plant Biology	book serie	14.030 Q1	215	28	86	4278	2159	85	23.25	152.79	
2	Annual Review of Pathology: Mechanisms of Disease	book serie	12.833 Q1	94	23	54	4146	1276	54	26.29	180.26	
3	Studies in Mycology	journal	6.468 Q1	72	16	45	1847	645	41	15.00	115.44	
4	Plant Cell	journal	5.516 Q1	289	216	1075	12092	8190	932	8.21	55.98	
5	Annual Review of Phytopathology	book serie	5.160 Q1	131	25	80	3530	975	80	11.42	141.20	

Scopus - CiteScore



Altmetrics

Altmetrics

"Altmetrics are measures of scholarly impact mined from activity in online tools and environments."

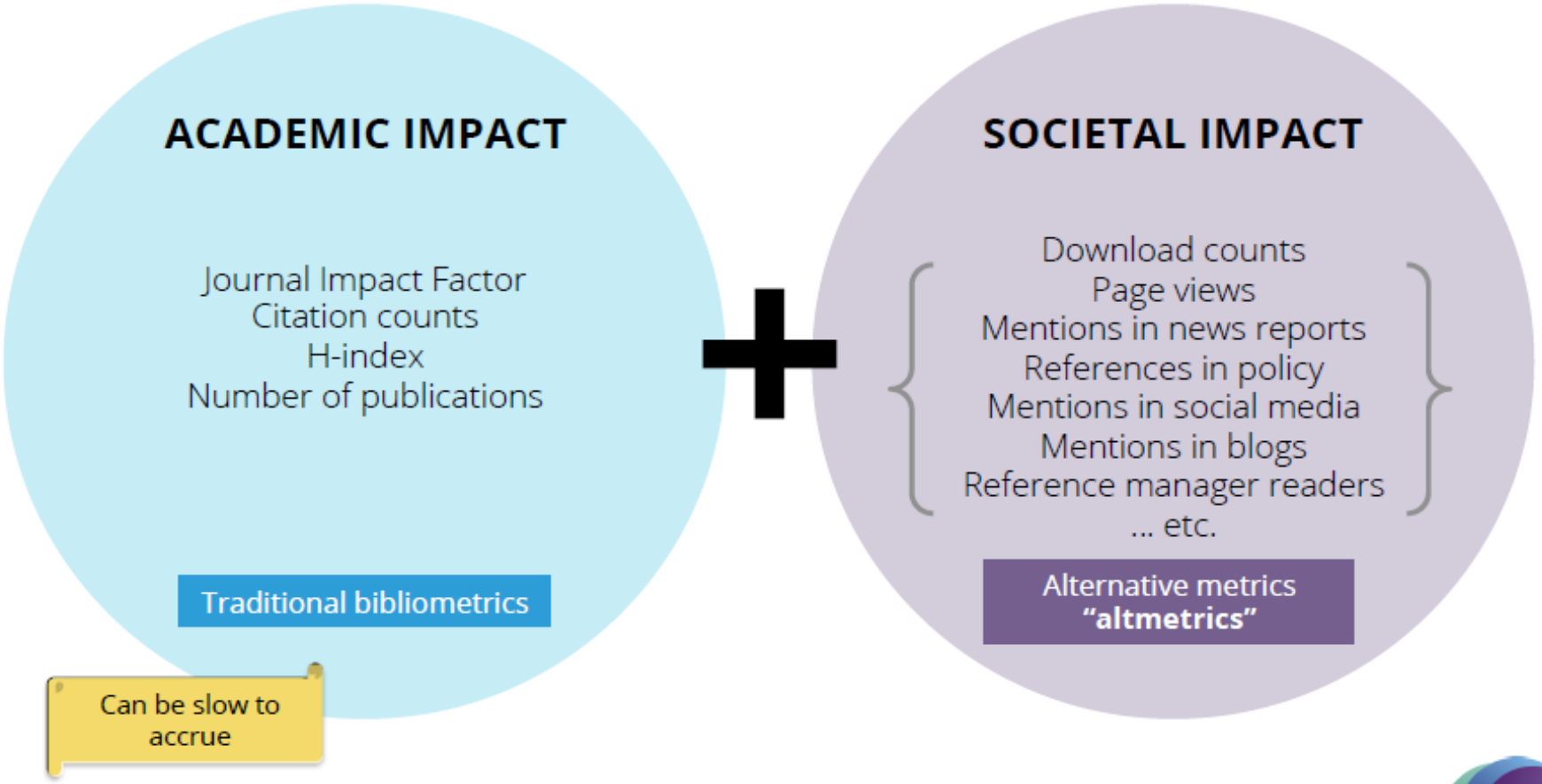
Jason Priem, author of "Altmetrics: a manifesto"

Benefits:

- A more **nuanced** understanding of impact, showing us which scholarly products are read, discussed, saved and recommended as well as cited.
- Often more **timely** data, showing evidence of impact in days instead of years.
- A window on the impact of web-native **scholarly products** like datasets, software, blog posts, videos and more.
- Indications of impacts on **diverse audiences** including scholars but also practitioners, clinicians, educators and the general public.

H. Piwowar, Bull. Assoc. Inform. Sci. Technol., 39 (2013) 4

New perspectives of impact



Altmetrics

Potentially "measured"

- Viewed (publisher websites, Dryad)
- Downloaded (publisher websites , Slideshare, Dryad)
- Cited (WoS, Scopus, PubMed, Wikipedia, CrossRef)
- Shared (Facebook, Twitter)
- Reused/adapted (Github)
- Bookmarked (Mendeley, CiteULike, Delicious)
- Purchased (Library catalogues, Sales numbers)
- Commented upon (Twitter, Mendeley, blogs, publisher websites, Wikipedia, Faculty 1000)

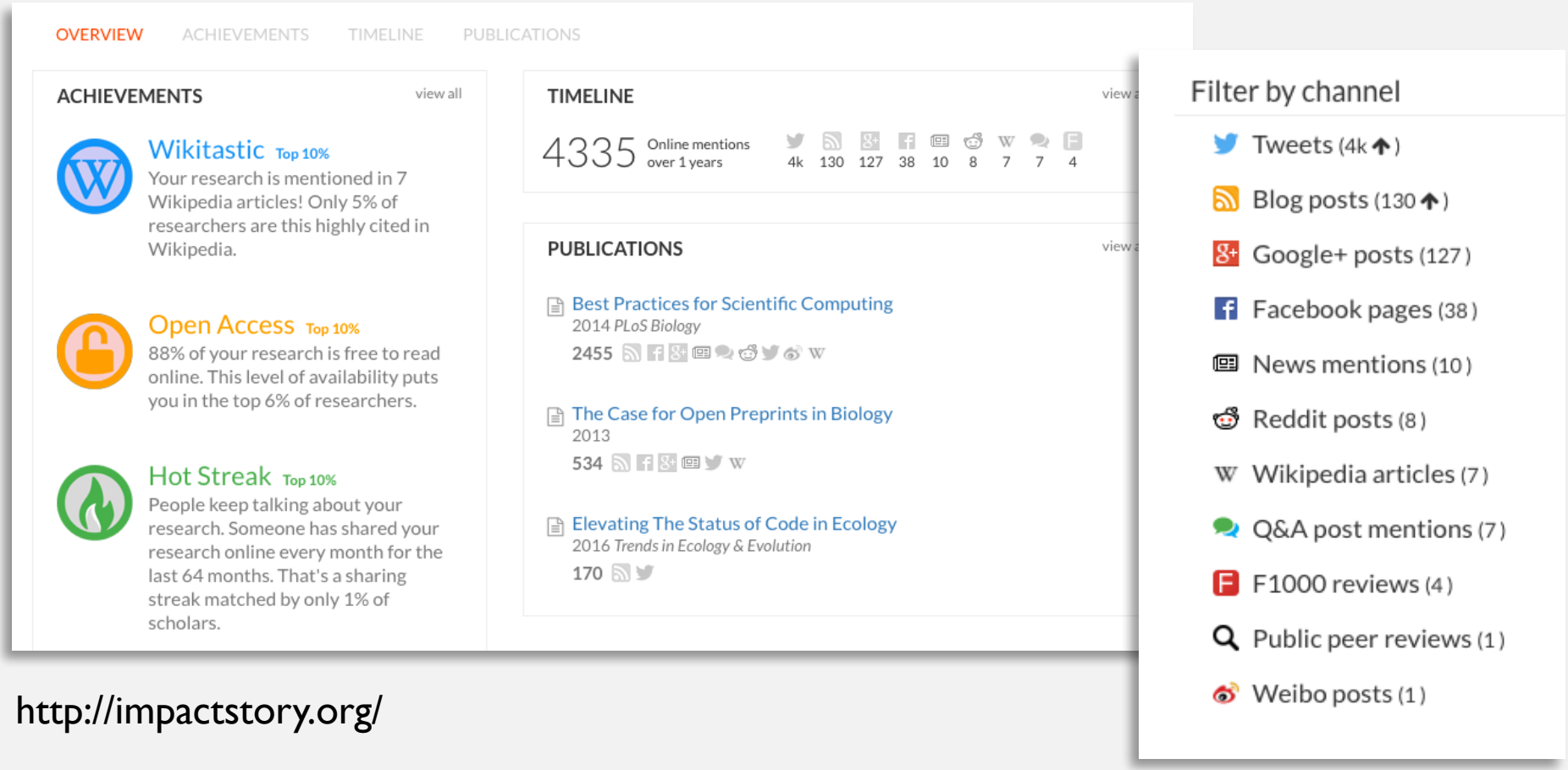
Source: S. Konkiel, Univ. of Indiana

Altmetrics

Caveats

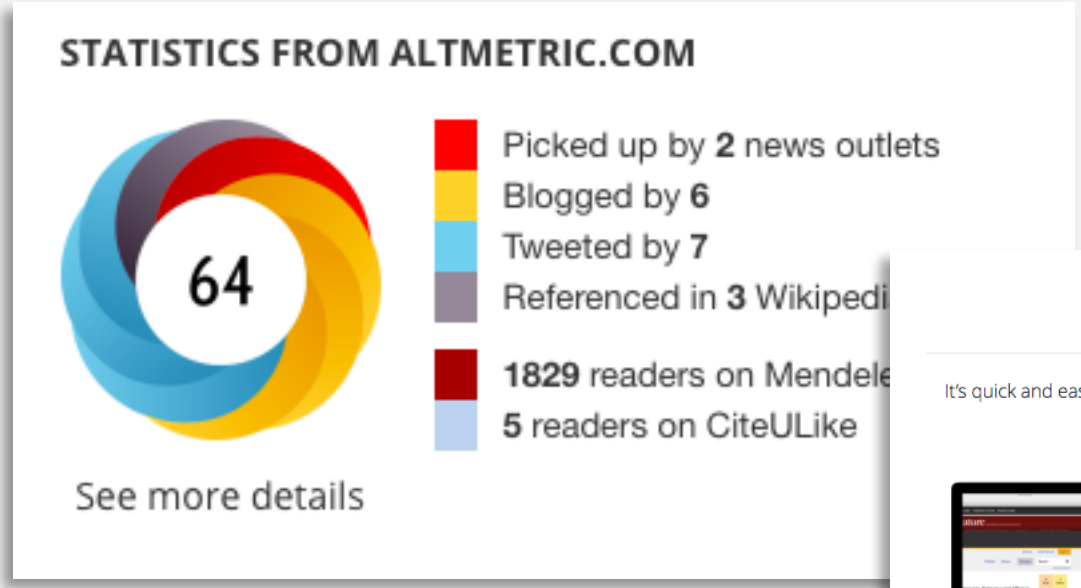
- Lack of standard
- Use of online tools my differ by individual researcher, discipline, over time
- Popularity (attention) does not always equal quality of research or researcher
- Was the spike in hits a one-time, short-attention event?
- Data sources come and go (think MySpace, Connotea)
- Open to manipulation and gaming

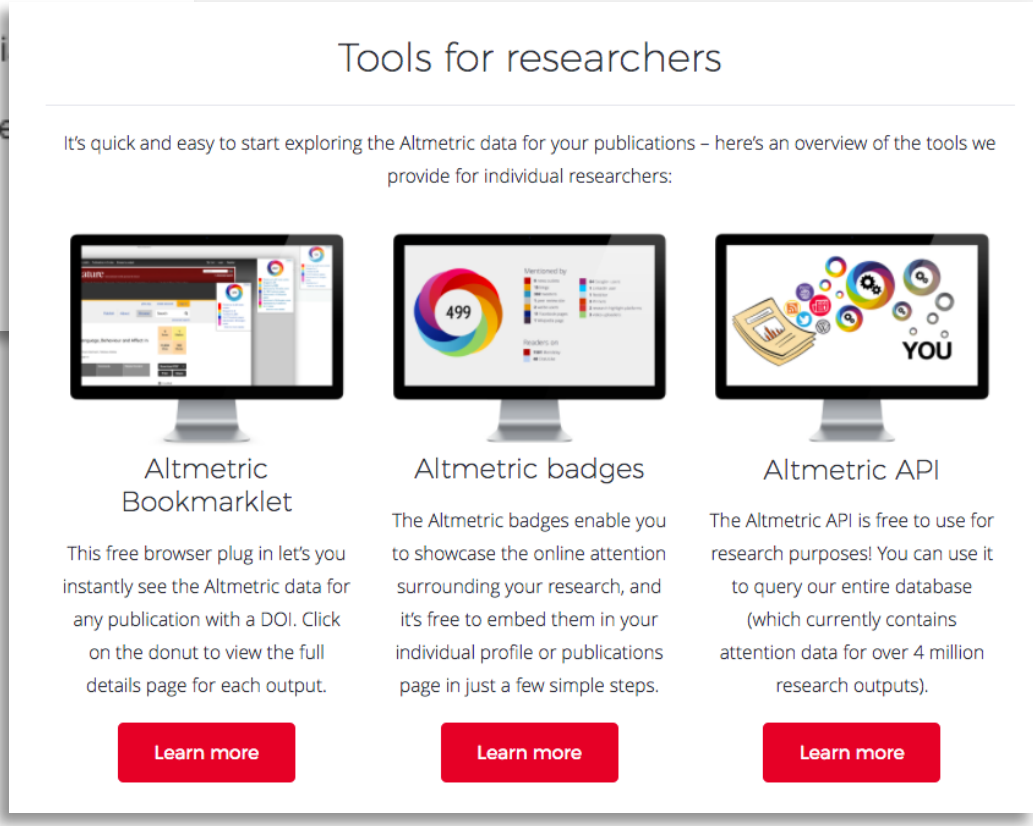
Altmetrics - Impactstory



http://impactstory.org/

Altmetrics – Altmetric.com





https://www.altmetric.com/

Altmetrics – PlumAnalytics

The timing and spatiotemporal patterning of Neanderthal disappearance.

Citation data: Nature, ISSN: 1476-4687, Vol: 512, Issue: 7514, Page: 306-9
Publication Year: 2014

Explore PlumX Metrics

What are PlumX Metrics? How can they help tell the story about this research? How can I use them?

Learn more

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EBSCO	656	EBSCO	90	News	17	Twitter	104	PubMed Central	30
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Your Resume

To include in your CV

- Books
- Book chapters
- Journal articles
- Conference papers
- Working papers
- Patents
- Government publications

Count and mention

- Number of citations
- Impact factor of journal
- Your h-Index
- Downloads/views from Repository
- Reviews of book or book chapter

Your Resume

Include also

- Datasets / Open Source Software (download statistics)
- Awards (best paper award etc.)
- Reviewing invitations (journals, conferences)
- Editorial board membership
- Interviews, public appearances
- Scholarly articles in newspapers/magazines
- Links to professional blogs and professional accounts in social media (Twitter, Facebook, ResearchGate, Acedemia.edu, LinkedIn, etc.)

Your Resume

Add Summary for Publications

Publications

Summary: Since 2004 I have published 21 peer-reviewed journal articles (18 as first/corresponding author) and 3 book chapters. I have an h-index of 6 as calculated using Web of Science or 7 as calculated using *Google Scholar*. The following lists ISI Impact Factors and citations according to Google Scholar.

Peer-Reviewed Journal Articles (published or accepted for publication):

Mesoudi, A. (in press). How cultural evolutionary theory can inform social psychology, and vice versa. *Psychological Review.* [Impact Factor 11.77]

Mesoudi, A. (in press). The cultural dynamics of copycat suicide. *PLoS ONE.*

O'Brien, M.J., Lyman, R.L., **Mesoudi, A.**, & VanPool, T. (in press) Cultural traits as units of analysis. *Philosophical Transactions of the Royal Society B.* [Impact Factor 5.56]

Mesoudi, A. & Lycett, S.J. (2009) Random copying, frequency-dependent copying and culture change. *Evolution and Human Behavior, 30(1),* 41-48. [Impact Factor 2.58; 1 citation]

Mesoudi, A. & O'Brien, M.J. (2008) The learning and transmission of hierarchical cultural recipes. *Biological Theory, 3(1)*, 63-72.

Danielson, P., M
Philosop

Research Publications (listed earliest to latest):

- **ISI Thompson H-index (all journal publications = 6; research publications = 5)**
- **Google Scholar H-index (all journal publications = 7; research publications = 5)**
- **16 original articles (authorship: 10 first, 4 senior, 1 second, 1 other)**
- **29 abstracts (authorship: 25 first, 1 senior)**

Your Resume

Downloads

Internet downloads

- 75,000 page downloads from my home page in 2009.
- Over 10,000 hits on INFFER web pages in 2009
- 4,500 downloads for a single paper during 2009: Pannell, D.J. (1997). Sensitivity analysis of normative economic models: Theoretical framework and practical strategies, Agricultural Economics 16: 139-152.
- Most downloaded paper in *Australian Journal of Experimental Agriculture* since 2000 – effectively the all time most down loaded paper out of 1300 published in that time (have been no. 1 since May 2008 to present): Pannell, Marshall, Barr, Curtis, Vanclay and Wilkinson (2006).
- 17th most downloaded paper of all time in *Australian Journal of Experimental Agriculture*: Ridley and Pannell (2005).

Thank you!

Feel free to attend other Scholarly Communication Talks
For schedule see: http://scholarlycommons.pacific.edu/plw/

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